

ABSTRACT OF THE DISCLOSURE

Congenic rats are disclosed which express a truncated form of GPR10, wherein the truncation is the first 64 amino acids present in the NH₂-terminus of wild-type GPR10. Also disclosed are *in vitro* screening methods for identifying compounds that bind to or modulate the function or expression of the truncated GPR10, and thus are useful in treating psychiatric diseases, such as depression and anxiety.